

Q1
Cont

SrO 2 to 20 %,
BaO 0 to 2 %,
ZnO 0 to 4 %,
Li₂O 0 to 2 %,
Na₂O 0 to 10 %,
K₂O 0 to 8 %,
TiO₂ 0 to 10 %, and
ZrO₂ 0 to 5 %,

wherein MgO + CaO + SrO + BaO is at least 15 %;

Al₂O₃ + TiO₂ is at least 11 %;

TiO₂ + ZrO₂ is at least 2.3 %; and

Bi₂O₃ is not present. --

Please amend Claim 5 as follows:

Q2

--5. (Amended) The glass for a substrate according to Claim 3, wherein Li₂O + ZnO is
at most 2 %.--

Please add the following new claims.

Q3

--16. (Newly Added) The glass for a substrate according to Claim 1, wherein CaO is
substantially excluded from the components of the glass.


17. (Newly Added) A magnetic disc, which comprises:

an undercoat layer, a magnetic layer and a protective layer formed on a glass substrate,

which consists essentially of, in terms of weight percent:

SiO₂ 40 to 59 %,

Al₂O₃ 5 to 20 %,

B₂O₃ 0 to 8 %,
MgO 0 to 10 %,
CaO 0 to 12 %,
SrO 2 to 20 %,
BaO 0 to 2 %,
ZnO 0 to 4 %,
Li₂O 0 to 2 %,
Na₂O 0 to 10 %,
K₂O 0 to 12 %,
TiO₂ 0 to 10 %, and
ZrO₂ 0 to 5 %,


wherein MgO + CaO + SrO + BaO is at least 15 %.

18. (Newly Added) The glass substrate according to Claim 17, wherein Al₂O₃ + TiO₂ is at least 11 %.

19. (Newly Added) The glass substrate according to Claim 17, wherein BaO + Li₂O + Na₂O + K₂O is at most 14 %.

20. (Newly Added) The glass substrate according to Claim 17, wherein Li₂O + ZnO is at most 2 %.

21. (Newly Added) The glass substrate according to Claim 17, which has an average linear expansion coefficient of at least $70 \times 10^{-7}/^{\circ}\text{C}$ within a range of 50 to 350° C.

22. (Newly Added) The glass substrate according to Claim 17, which has a glass transition temperature of at least 600° C.

23. (Newly Added) A glass substrate made of the glass for a substrate as claimed in Claim 17,

wherein the number of attachments having sizes of at least $10\ \mu\text{m}$ present on the surface of the glass substrate held in a steam atmosphere at 120°C under 2 atm for 20 hours, is not more than $1/\text{cm}^2$, and the number of attachments having sizes ranging from $1\ \mu\text{m}$ to less than $10\ \mu\text{m}$ so present, is not more than $10^5/\text{cm}^2$.

24. (Newly Added) A glass for a substrate, which consists essentially of:
in terms of weight percent

SiO_2 40 to 59 %,

Al_2O_3 5 to 20 %,

B_2O_3 0 to 8 %,

MgO 0 to 10 %,

CaO 0 to 12 %,

SrO 2 to 20 %,

BaO 0 to 2 %,

ZnO 0 to 4 %,

Li_2O 0 to 2 %,

Na_2O 0 to 10 %,

K_2O 0 to 8 %,

TiO_2 0 to 10 %, and

ZrO_2 0 to 5 %, and

wherein $\text{MgO} + \text{CaO} + \text{SrO} + \text{BaO}$ is at least 15 %;

$\text{Al}_2\text{O}_3 + \text{TiO}_2$ is at least 11 %; and